Promise Machio - CV

PROFILE

I am a driven and self-motivated technology enthusiast with strong foundational knowledge in programming, data structures, and automation. With hands-on experience in Python, Java, HTML/CSS, and GitHub, I am passionate about building functional web applications and exploring trading automation systems. My approach to tech is solution-oriented, blending logical problem-solving with real-world impact. I'm also keen on continuous learning, creative innovation, and open-source collaboration.

EDUCATION

Bachelor of Science in Statistics and Information Technology

The Co-operative University of Kenya

Expected Graduation: 2027

TECHNICAL SKILLS

- Programming Languages: Python, Java, JavaScript (basic)

- Web Development: HTML5, CSS3, Responsive Design

- Tools & Technologies: Git, GitHub, VS Code, MetaTrader 5, Linux CLI, Emacs

- Core Skills: Debugging, Version Control, Data Structures (BSTs), Web Design, Automation

PROJECT EXPERIENCE

Personal Portfolio Website

- Designed and built a responsive portfolio using HTML and CSS to showcase projects, skills, and contact information.

- Incorporated interactive UI elements and optimized for desktop and mobile displays.

Trading Bot Exploration (Ongoing)

- Investigating trading algorithms and bot logic using MetaTrader 5.

- Working on automating forex strategies for real-time execution.

- Incorporating risk management and performance testing in bot development.

GitHub Contributions & Learning Projects

- Developed and maintained multiple repositories reflecting progress in Python scripting, Java basics, and frontend design.
- Projects demonstrate code cleanliness, modular structure, and proper use of Git version control.

CURRENT LEARNING TRACK

- Mastering advanced Git & GitHub workflows
- Deep dive into data structures (Binary Search Trees, Linked Lists, etc.)
- Automation and integration with MetaTrader
- HTML/CSS design best practices and responsive layouts

INTERESTS

Swimming, Soccer, Video Games, Creative Design

CONTACT

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REFERENCES

Available upon request.